



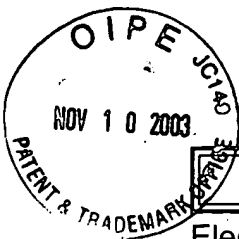
Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 50401  
Application ID: 10604676  
Title of Invention: CHATTER RESISTANT SHUTTLE  
VALVE  
First Named Inventor: Thomas Thrash  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-08-08  
Effective Receipt Date: 2003-11-10  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 1675  
Attorney Docket Number: 716909.22






Total Fees Authorized:

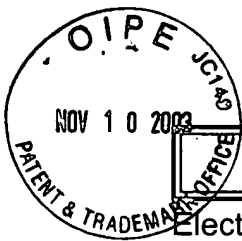
Digital Certificate Holder: cn=Mark E. Stallion,ou=Registered Attorneys,ou=Patent and Trademark  
Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 86a3ec2158e4a4a7b3889b126ea0b5e8bee94051

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0


<b>Title of Invention</b>	<b>CHATTER RESISTANT SHUTTLE VALVE</b>																
<table><tr><td>Application Number:</td><td>10/604676</td><td></td></tr><tr><td>Date:</td><td>2003-08-08</td><td></td></tr><tr><td>First Named Applicant:</td><td colspan="2">Thomas B. Thrash Jr.</td></tr><tr><td>Confirmation Number:</td><td>1675</td><td></td></tr><tr><td>Attorney Docket Number:</td><td colspan="2">716909.22</td></tr></table>			Application Number:	10/604676		Date:	2003-08-08		First Named Applicant:	Thomas B. Thrash Jr.		Confirmation Number:	1675		Attorney Docket Number:	716909.22	
Application Number:	10/604676																
Date:	2003-08-08																
First Named Applicant:	Thomas B. Thrash Jr.																
Confirmation Number:	1675																
Attorney Docket Number:	716909.22																
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Lawrence E. Evans Registered Number: 29,531</td><td>/Lawrence E. Evans/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Lawrence E. Evans Registered Number: 29,531	/Lawrence E. Evans/	Attorney									
Submitted by:	Elec. Sign.	Sign. Capacity															
Lawrence E. Evans Registered Number: 29,531	/Lawrence E. Evans/	Attorney															
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>71690922:ids-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	71690922:ids-usidst.xml		us-ids.dtd		us-ids.xsl							
Documents being submitted	Files																
us-ids	71690922:ids-usidst.xml																
	us-ids.dtd																
	us-ids.xsl																
<b>Comments</b>																	



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>CHATTER RESISTANT SHUTTLE VALVE</b>																																				
<p>Application Number: 10/604676 </p> <p>Confirmation Number: 1675</p> <p>First Named Applicant: Thomas Thrash</p> <p>Attorney Docket Number: 716909.22</p> <p>Art Unit: 3753</p> <p>Search string: ( 6318400 or 6257268 or 4253481 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>6318400</td><td>2001-11-20</td><td>Hope et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>6257268</td><td>2001-07-10</td><td>Hope et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>4253481</td><td>1981-03-03</td><td>Sarlls, Jr.</td><td></td><td></td><td></td></tr></tbody></table> <p><b>Signature</b></p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	6318400	2001-11-20	Hope et al.					2	6257268	2001-07-10	Hope et al.					3	4253481	1981-03-03	Sarlls, Jr.				Examiner Name	Date		
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																														
	1	6318400	2001-11-20	Hope et al.																																	
	2	6257268	2001-07-10	Hope et al.																																	
	3	4253481	1981-03-03	Sarlls, Jr.																																	
Examiner Name	Date																																				